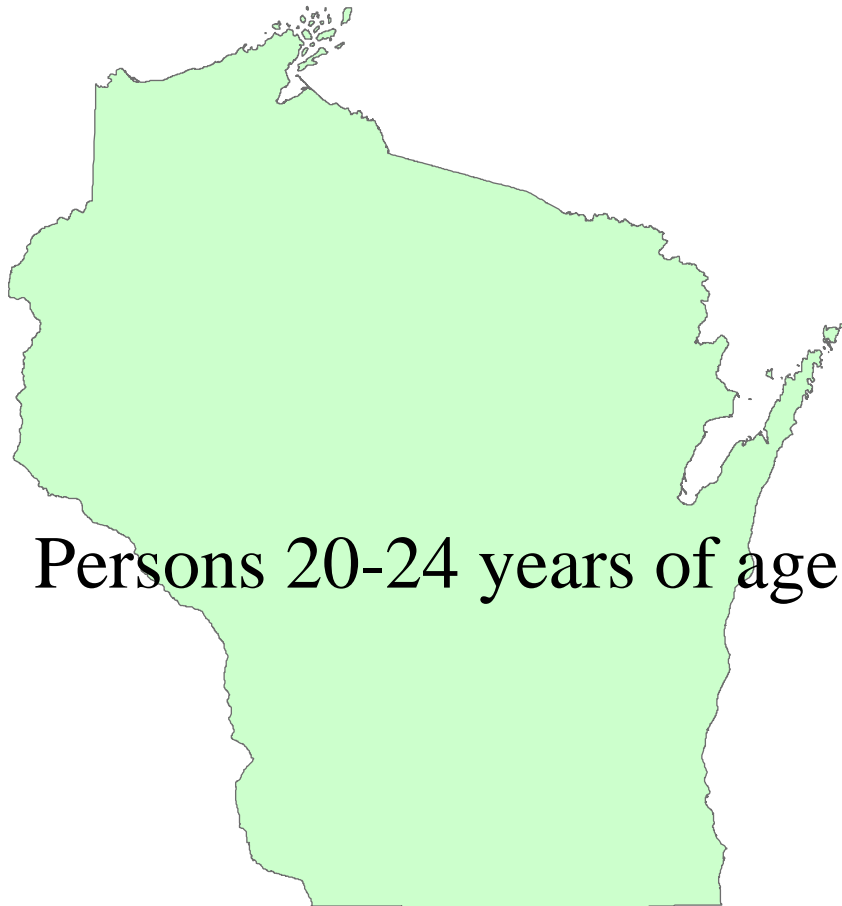


# **Sexually Transmitted Disease in Wisconsin 2010**



Wisconsin STD Control Section  
State of Wisconsin

# Wisconsin sexually transmitted disease surveillance report, 2010

## 20-24 years of age

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
<b>Total</b>												
Total	8,808	100.0%	2,107	1,722	100.0%	412	44	100.0%	11	10,574	100.0%	2,529
<b>Sex</b>												
Male	2,401	27.3%	1,131	677	39.3%	319	34	77.3%	16	3,112	29.4%	1,467
Female	6,350	72.1%	3,085	1,038	60.3%	504	10	22.7%	5	7,398	70.0%	3,594
Unknown	57	0.6%	-	7	0.4%	-	0	0.0%	-	64	0.6%	-
<b>Race</b>												
White	3,286	37.3%	899	313	18.2%	86	8	18.2%	2	3,607	34.1%	986
African American	2,537	28.8%	7,702	914	53.1%	2,775	30	68.2%	91	3,481	32.9%	10,567
American Indian	144	1.6%	2,669	31	1.8%	575	1	2.3%	19	176	1.7%	3,262
Asian/Pacific Islander	120	1.4%	853	15	0.9%	107	1	2.3%	7	136	1.3%	966
Other	84	1.0%	-	15	0.9%	-	1	2.3%	-	100	0.9%	-
Unknown	2,637	29.9%	-	434	25.2%	-	3	6.8%	-	3,074	29.1%	-
<b>Hispanic ethnicity</b>												
Hispanic	446	5.1%	1,807	51	3.0%	207	2	4.5%	8	499	4.7%	2,022
Not Hispanic	4,903	55.7%	1,246	1,060	61.6%	269	36	81.8%	9	5,999	56.7%	1,525
Unknown	3,459	39.3%	-	611	35.5%	-	6	13.6%	-	4,076	38.5%	-
<b>Age</b>												
0-4	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
5-9	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
10-14	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
15-19	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
20-24	8,808	100.0%	2,107	1,722	100.0%	412	44	100.0%	11	10,574	100.0%	2,529
25-29	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
30-34	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
35-39	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
40-44	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
45-49	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
50+	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
<b>Region of residence</b>												
Northeastern	1,289	14.6%	1,661	194	11.3%	250	0	0.0%	0	1,483	14.0%	1,911
Northern	383	4.3%	1,163	28	1.6%	85	1	2.3%	3	412	3.9%	1,251
Southeastern	4,822	54.7%	3,606	1,261	73.2%	943	37	84.1%	28	6,120	57.9%	4,576
Southern	1,466	16.6%	1,400	205	11.9%	196	4	9.1%	4	1,675	15.8%	1,600
Western	847	9.6%	1,226	34	2.0%	49	2	4.5%	3	883	8.4%	1,278
Unknown	1	0.0%	-	0	0.0%	-	0	0.0%	-	1	0.0%	-

\* Demographic breakdown not available for diseases with less than 5 cases reported.

\*\* Cases per 100,000 population

# Wisconsin sexually transmitted disease surveillance report, 2010

## Reported cases by region and county

### 20-24 years of age

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
<b>Northeastern</b>												
Brown	368	4.2%	2,053	111	6.4%	619	0	0.0%	0	479	4.5%	2,672
Calumet	30	0.3%	1,274	2	0.1%	85	0	0.0%	0	32	0.3%	1,359
Door	18	0.2%	1,245	0	0.0%	0	0	0.0%	0	18	0.2%	1,245
Fond du lac	80	0.9%	1,198	10	0.6%	150	0	0.0%	0	90	0.9%	1,347
Green Lake	13	0.1%	1,477	0	0.0%	0	0	0.0%	0	13	0.1%	1,477
Kewaunee	12	0.1%	1,052	2	0.1%	175	0	0.0%	0	14	0.1%	1,227
Manitowoc	64	0.7%	1,392	4	0.2%	87	0	0.0%	0	68	0.6%	1,479
Marinette	28	0.3%	1,098	2	0.1%	78	0	0.0%	0	30	0.3%	1,176
Marquette	9	0.1%	1,473	0	0.0%	0	0	0.0%	0	9	0.1%	1,473
Menominee	25	0.3%	6,868	2	0.1%	549	0	0.0%	0	27	0.3%	7,418
Oconto	35	0.4%	1,923	1	0.1%	55	0	0.0%	0	36	0.3%	1,978
Outagamie	203	2.3%	1,730	23	1.3%	196	0	0.0%	0	226	2.1%	1,926
Shawano	34	0.4%	1,533	2	0.1%	90	0	0.0%	0	36	0.3%	1,623
Sheboygan	119	1.4%	1,707	16	0.9%	230	0	0.0%	0	135	1.3%	1,937
Waupaca	33	0.4%	1,194	1	0.1%	36	0	0.0%	0	34	0.3%	1,231
Waushara	7	0.1%	516	0	0.0%	0	0	0.0%	0	7	0.1%	516
Winnebago	211	2.4%	1,730	18	1.0%	148	0	0.0%	0	229	2.2%	1,878
<b>Region total</b>	<b>1,289</b>	<b>14.6%</b>	<b>1,661</b>	<b>194</b>	<b>11.3%</b>	<b>250</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>1,483</b>	<b>14.0%</b>	<b>1,911</b>
<b>Northern</b>												
Ashland	2	0.0%	180	0	0.0%	0	0	0.0%	0	2	0.0%	180
Bayfield	3	0.0%	387	0	0.0%	0	0	0.0%	0	3	0.0%	387
Florence	2	0.0%	837	0	0.0%	0	0	0.0%	0	2	0.0%	837
Forest	8	0.1%	1,305	0	0.0%	0	0	0.0%	0	8	0.1%	1,305
Iron	3	0.0%	1,128	0	0.0%	0	0	0.0%	0	3	0.0%	1,128
Langlade	14	0.2%	1,333	1	0.1%	95	0	0.0%	0	15	0.1%	1,429
Lincoln	13	0.1%	892	1	0.1%	69	0	0.0%	0	14	0.1%	960
Marathon	115	1.3%	1,464	19	1.1%	242	1	2.3%	13	135	1.3%	1,719
Oneida	20	0.2%	1,134	0	0.0%	0	0	0.0%	0	20	0.2%	1,134
Portage	97	1.1%	987	5	0.3%	51	0	0.0%	0	102	1.0%	1,038
Price	15	0.2%	2,246	0	0.0%	0	0	0.0%	0	15	0.1%	2,246
Sawyer	9	0.1%	961	0	0.0%	0	0	0.0%	0	9	0.1%	961
Taylor	13	0.1%	1,112	0	0.0%	0	0	0.0%	0	13	0.1%	1,112
Vilas	10	0.1%	972	1	0.1%	97	0	0.0%	0	11	0.1%	1,069
Wood	59	0.7%	1,412	1	0.1%	24	0	0.0%	0	60	0.6%	1,436
<b>Region total</b>	<b>383</b>	<b>4.3%</b>	<b>1,163</b>	<b>28</b>	<b>1.6%</b>	<b>85</b>	<b>1</b>	<b>2.3%</b>	<b>3</b>	<b>412</b>	<b>3.9%</b>	<b>1,251</b>
<b>Southeastern</b>												
Kenosha	261	3.0%	2,397	50	2.9%	459	1	2.3%	9	312	3.0%	2,866
Milwaukee	3,774	42.8%	5,673	1,078	62.6%	1,620	35	79.5%	53	4,887	46.2%	7,346
Ozaukee	31	0.4%	564	7	0.4%	127	0	0.0%	0	38	0.4%	691
Racine	387	4.4%	3,239	91	5.3%	762	1	2.3%	8	479	4.5%	4,009
Walworth	83	0.9%	782	6	0.3%	56	0	0.0%	0	89	0.8%	838
Washington	55	0.6%	811	10	0.6%	147	0	0.0%	0	65	0.6%	959
Waukesha	231	2.6%	1,076	19	1.1%	89	0	0.0%	0	250	2.4%	1,165
<b>Region total</b>	<b>4,822</b>	<b>54.7%</b>	<b>3,606</b>	<b>1,261</b>	<b>73.2%</b>	<b>943</b>	<b>37</b>	<b>84.1%</b>	<b>28</b>	<b>6,120</b>	<b>57.9%</b>	<b>4,576</b>

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
<b>Southern</b>												
Adams	10	0.1%	1,057	1	0.1%	106	0	0.0%	0	11	0.1%	1,163
Columbia	59	0.7%	1,970	4	0.2%	134	0	0.0%	0	63	0.6%	2,104
Crawford	9	0.1%	779	1	0.1%	87	0	0.0%	0	10	0.1%	866
Dane	800	9.1%	1,320	160	9.3%	264	3	6.8%	5	963	9.1%	1,589
Dodge	88	1.0%	1,567	7	0.4%	125	0	0.0%	0	95	0.9%	1,692
Grant	34	0.4%	549	2	0.1%	32	0	0.0%	0	36	0.3%	581
Green	45	0.5%	2,394	1	0.1%	53	0	0.0%	0	46	0.4%	2,447
Iowa	12	0.1%	927	1	0.1%	77	0	0.0%	0	13	0.1%	1,005
Jefferson	91	1.0%	1,683	2	0.1%	37	0	0.0%	0	93	0.9%	1,720
Juneau	21	0.2%	1,313	0	0.0%	0	0	0.0%	0	21	0.2%	1,313
Lafayette	4	0.0%	416	1	0.1%	104	0	0.0%	0	5	0.0%	520
Richland	9	0.1%	906	0	0.0%	0	0	0.0%	0	9	0.1%	906
Rock	218	2.5%	2,189	24	1.4%	241	1	2.3%	10	243	2.3%	2,440
Sauk	65	0.7%	1,879	1	0.1%	29	0	0.0%	0	66	0.6%	1,908
Vernon	1	0.0%	61	0	0.0%	0	0	0.0%	0	1	0.0%	61
<b>Region total</b>	<b>1,466</b>	<b>16.6%</b>	<b>1,400</b>	<b>205</b>	<b>11.9%</b>	<b>196</b>	<b>4</b>	<b>9.1%</b>	<b>4</b>	<b>1,675</b>	<b>15.8%</b>	<b>1,600</b>
<b>Western</b>												
Barron	32	0.4%	1,187	0	0.0%	0	0	0.0%	0	32	0.3%	1,187
Buffalo	9	0.1%	1,202	0	0.0%	0	0	0.0%	0	9	0.1%	1,202
Burnett	7	0.1%	838	0	0.0%	0	0	0.0%	0	7	0.1%	838
Chippewa	54	0.6%	1,414	4	0.2%	105	0	0.0%	0	58	0.5%	1,518
Clark	20	0.2%	1,072	0	0.0%	0	0	0.0%	0	20	0.2%	1,072
Douglas	64	0.7%	2,210	1	0.1%	35	0	0.0%	0	65	0.6%	2,244
Dunn	58	0.7%	872	3	0.2%	45	1	2.3%	15	62	0.6%	932
Eau Claire	192	2.2%	1,299	7	0.4%	47	1	2.3%	7	200	1.9%	1,353
Jackson	24	0.3%	1,714	1	0.1%	71	0	0.0%	0	25	0.2%	1,786
La Crosse	183	2.1%	1,210	10	0.6%	66	0	0.0%	0	193	1.8%	1,276
Monroe	36	0.4%	1,365	2	0.1%	76	0	0.0%	0	38	0.4%	1,441
Pepin	4	0.0%	909	0	0.0%	0	0	0.0%	0	4	0.0%	909
Pierce	31	0.4%	586	0	0.0%	0	0	0.0%	0	31	0.3%	586
Polk	34	0.4%	1,412	0	0.0%	0	0	0.0%	0	34	0.3%	1,412
Rusk	11	0.1%	1,545	1	0.1%	140	0	0.0%	0	12	0.1%	1,685
St. Croix	49	0.6%	1,071	4	0.2%	87	0	0.0%	0	53	0.5%	1,158
Trempealeau	33	0.4%	2,405	0	0.0%	0	0	0.0%	0	33	0.3%	2,405
Washburn	6	0.1%	730	1	0.1%	122	0	0.0%	0	7	0.1%	852
<b>Region total</b>	<b>847</b>	<b>9.6%</b>	<b>1,226</b>	<b>34</b>	<b>2.0%</b>	<b>49</b>	<b>2</b>	<b>4.5%</b>	<b>3</b>	<b>883</b>	<b>8.4%</b>	<b>1,278</b>
<b>Unknown</b>												
Unknown	1	0.0%	-	0	0.0%	-	0	0.0%	-	1	0.0%	-
<b>Region total</b>	<b>1</b>	<b>0.0%</b>		<b>0</b>	<b>0.0%</b>		<b>0</b>	<b>0.0%</b>		<b>1</b>	<b>0.0%</b>	
<b>Total</b>	<b>8,808</b>	<b>100.0%</b>	<b>2,107</b>	<b>1,722</b>	<b>100.0%</b>	<b>412</b>	<b>44</b>	<b>100.0%</b>	<b>11</b>	<b>10,574</b>	<b>100.0%</b>	<b>2,529</b>

\*\* Cases per 100,000 population.

# Wisconsin sexually transmitted disease surveillance report, 2010

## Unadjusted\* and imputed\*\* cases per 100,000 population by race

### 20-24 years of age

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	899	1,222	7,702	11,688	2,669	3,640	853	1,067
Gonorrhea	86	106	2,775	3,755	575	627	107	109
Syphilis	2	2	91	103	19	19	7	7
<b>Total</b>	986	1,329	10,567	15,546	3,262	4,286	966	1,183

\* The unadjusted rate is the number reported cases with specified race per 100,000 population. Because some cases are reported without specified race, the unadjusted rate under-estimates actual morbidity and thus should be regarded as a minimum estimate.

\*\* The imputed rate takes into consideration cases reported without race specified. To calculate the imputed rate reported cases with unspecified race were statistically allocated using the age-sex-county-specific race distribution for cases with specified race. Thus, imputed rates specified in this table are estimates.

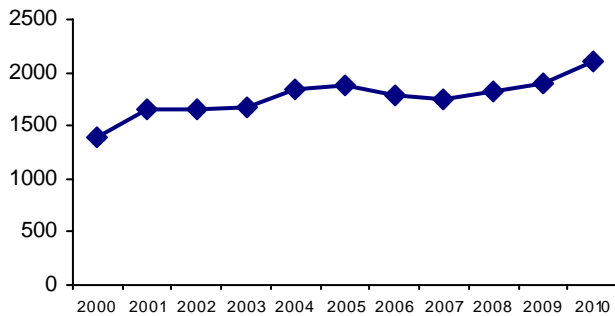
# Wisconsin sexually transmitted disease surveillance report, 2010

## Reported cases by year of diagnosis, past ten years

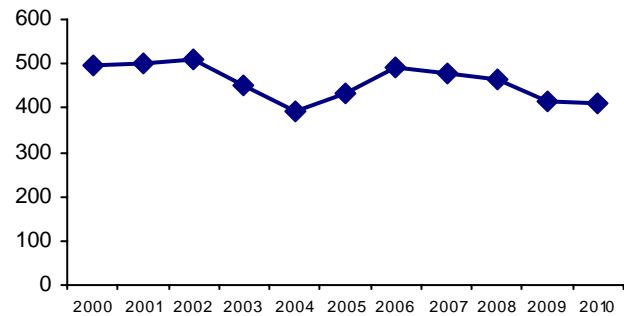
### 20-24 years of age

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
2001	6,141	1,658	1,863	503	12	3	8,016	2,164
2002	6,409	1,663	1,957	508	15	4	8,381	2,175
2003	6,687	1,676	1,803	452	11	3	8,501	2,130
2004	7,482	1,835	1,593	391	8	2	9,083	2,228
2005	7,780	1,874	1,796	433	11	3	9,587	2,309
2006	7,512	1,786	2,073	493	17	4	9,602	2,283
2007	7,355	1,757	2,004	479	23	5	9,382	2,241
2008	7,628	1,830	1,931	463	30	7	9,589	2,301
2009	7,919	1,894	1,743	417	33	8	9,695	2,319
2010	8,808	2,107	1,722	412	44	11	10,574	2,529

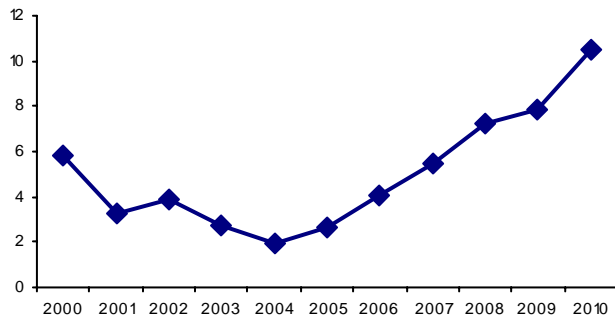
**Chlamydia rate\***



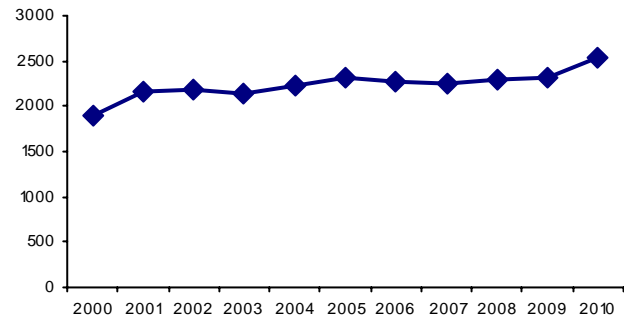
**Gonorrhea rate\***



**Syphilis rate\***



**Total rate\***



\* Cases per 100,000 population.

# Wisconsin sexually transmitted disease surveillance report, 2010

## Syphilis cases by disease stage

### 20-24 years of age

	Primary			Secondary			Early latent			Early total**		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
<b>Total</b>												
Total	3	100.0%	0.7	14	100.0%	3.3	15	100.0%	3.6	32	100.0%	7.7
<b>Sex</b>												
Male	3	100.0%	1.4	13	92.9%	6.1	11	73.3%	5.2	27	84.4%	12.7
Female	0	0.0%	0.0	1	7.1%	0.5	4	26.7%	1.9	5	15.6%	2.4
<b>Race</b>												
White	0	0.0%	0.0	4	28.6%	1.1	1	6.7%	0.3	5	15.6%	1.4
African American	1	33.3%	3.0	8	57.1%	24.3	12	80.0%	36.4	21	65.6%	63.8
American Indian	1	33.3%	18.5	0	0.0%	0.0	0	0.0%	0.0	1	3.1%	18.5
Asian/Pacific Islander	0	0.0%	0.0	1	7.1%	7.1	0	0.0%	0.0	1	3.1%	7.1
Other	0	0.0%	-	0	0.0%	-	1	6.7%	-	1	3.1%	-
Unknown	1	33.3%	-	1	7.1%	-	1	6.7%	-	3	9.4%	-
<b>Hispanic ethnicity</b>												
Hispanic	0	0.0%	0.0	1	7.1%	4.1	0	0.0%	0.0	1	3.1%	4.1
Non Hispanic	2	66.7%	-	11	78.6%	-	13	86.7%	-	26	81.3%	-
Unknown	1	33.3%	-	2	14.3%	-	2	13.3%	-	5	15.6%	-
<b>Age</b>												
0-4	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
5-9	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
10-14	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
15-19	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
20-24	3	100.0%	0.7	14	100.0%	3.3	15	100.0%	3.6	32	100.0%	7.7
25-29	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
30-34	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
35-39	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
40-44	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
45-49	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
50+	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-

\* Cases per 100,000 population

\*\* Primary, secondary and early latent cases.

# Wisconsin sexually transmitted disease surveillance report, 2010

## Syphilis cases by disease stage

### 20-24 years of age

	Late latent			Unknown latency			Congenital			All stages		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
<b>Total</b>												
Total	10	100.0%	2.4	2	100.0%	0.5	0	0.0%	0.0	44	100.0%	10.5
<b>Sex</b>												
Male	5	50.0%	2.4	2	100.0%	0.9	0	0.0%	0.0	34	77.3%	16.0
Female	5	50.0%	2.4	0	0.0%	0.0	0	0.0%	0.0	10	22.7%	4.9
<b>Race</b>												
White	3	30.0%	0.8	0	0.0%	0.0	0	0.0%	0.0	8	18.2%	2.2
African American	7	70.0%	21.3	2	100.0%	6.1	0	0.0%	0.0	30	68.2%	91.1
American Indian	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	1	2.3%	18.5
Asian/Pacific Islander	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	1	2.3%	7.1
Other	0	0.0%	-	0	0.0%	-	0	0.0%	-	1	2.3%	-
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	3	6.8%	-
<b>Hispanic ethnicity</b>												
Hispanic	1	10.0%	4.1	0	0.0%	0.0	0	0.0%	0.0	2	4.5%	8.1
Non Hispanic	8	80.0%	-	2	100.0%	-	0	0.0%	-	36	81.8%	-
Unknown	1	10.0%	-	0	0.0%	-	0	0.0%	-	6	13.6%	-
<b>Age</b>												
0-4	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
5-9	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
10-14	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
15-19	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
20-24	10	100.0%	2.4	2	100.0%	0.5	0	0.0%	0.0	44	100.0%	10.5
25-29	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
30-34	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
35-39	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
40-44	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
45-49	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
50+	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-

\* Cases per 100,000 population



## Technical notes

1. These reports are compiled by the Wisconsin STD Program and are based on STD case surveillance data collected by the Wisconsin Division of Public Health (DPH). In Wisconsin, state statutes require health care providers to report cases of chlamydia, gonorrhea, syphilis, chancroid, and pelvic inflammatory disease to local health departments. Local health departments in turn forward reports to the DPH.
2. These reports include cases diagnosed within the specified period. Additional cases diagnosed within the specified period may continue to be reported. Thus, this report should be considered provisional, and this report supercedes all previous reports.
3. Reporting of STDs cases is incomplete. Reporting rates may vary by disease, geographic region, and demographic groups. At any time, reported STD cases represent only part of the total number of diagnosed cases, therefore STD surveillance data likely underestimate total STD morbidity.
4. In these reports, rates presented are cases per 100,000 population. Rates are not calculated for categories with small numbers of cases. See each report for the rate calculation threshold.
5. Typically a significant number of STD cases are reported with unspecified race. When noted, imputed race-specific rates have been calculated. To calculate the imputed rate, reported cases with unspecified race were statistically allocated using the county-specific race distribution among cases with specified race. Thus, imputed rates specified in this table are estimates and should be used only for comparison.
6. In these reports, cases are allocated to the county of residence at the time of diagnosis. Cases diagnosed among inmates of correctional facilities are allocated to the county of the facility.

---

For more information contact:

Wisconsin STD Program  
1 West Wilson Street  
PO Box 2659  
Madison, WI 53701-2659  
Telephone: (608) 266-8479